UNITED STATES DISTRICT COURT SOUTHERN DISTRICT OF TEXAS HOUSTON DIVISION

STEPHEN McCOLLUM, and SANDRA	§	
McCOLLUM, individually, and STEPHANIE	§	
KINGREY, individually and as independent	§	
administrator of the Estate of LARRY GENE	§	
McCOLLUM,	§	
PLAINTIFFS	§	
	§	
V.	§	CIVIL ACTION NO.
	§	4:14-cv-3253
	§	JURY DEMAND
BRAD LIVINGSTON, JEFF PRINGLE,	§	
RICHARD CLARK, KAREN TATE,	§	
SANDREA SANDERS, ROBERT EASON, the	§	
UNIVERSITY OF TEXAS MEDICAL	§	
BRANCH and the TEXAS DEPARTMENT OF	§	
CRIMINAL JUSTICE.	§	
DEFENDANTS	§	

Plaintiffs' Consolidated Summary Judgment Response Appendix

EXHIBIT 120



National Weather Service

Weather Prediction Center



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NCEP Quarterly Newsletter

WPC Home Analyses and Forecasts

> **National Forecast** Charts

National High & Low

WPC Discussions Surface Analysis Days 1/2-21/2 CONUS Days 3-7 CONUS Days 4-8 Alaska

QPF PQPF

Excessive Rainfall Mesoscale Precip Discussion

Flood Outlook Winter Weather **Storm Summaries**

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Meteorological Conversions and Calculations

Heat Index Calculator

How do we calculate the heat index?

Choose the appropriate calculator and enter the values. Then click "Calculate".

Using Dew Point Temperature	Using Relative Humidity
Air Temperature °F °C	Air Temperature 105 °F 40.56 °C
Dew Point Temperature or oc	Relative Humidity 46 %
Calculate Reset	Calculate Reset
Heat Index =	Heat Index = 129 F / 54 (

Heat Index Chart and Explanation

WPC Heat Index Forecasts

More Meteorological Conversions and Calculations

NOAA/ National Weather Service National Centers for Environmental Prediction Weather Prediction Center 5830 University Research Court College Park, Maryland 20740 Weather Prediction Center Web Team Page last modified: Thursday, 11-Aug-2016 12:49:25 UTC Disclaimer Credits Glossary

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^{*} Please note: The Heat Index calculation may produce meaningless results for temperatures and dew points outside of the range depicted on the Heat Index Chart linked below.



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Meteorological Conversions and Calculations

Heat Index Calculator

How do we calculate the heat index?

Choose the appropriate calculator and enter the values. Then click "Calculate".

Using Dew Point Temperature	Using Relative Humidity
Air Temperature or or	Air Temperature 113 °F 45 °C
Dew Point Temperature or or	Relative Humidity 54 %
Calculate Reset	Calculate Reset
Heat Index =	Heat Index = 172 F / 78 C
	luce magningless results for temporatures and down

Heat Index Chart and Explanation

WPC Heat Index Forecasts

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Meteorological Conversions and Calculations

Heat Index Calculator

How do we calculate the heat index?

Choose the appropriate calculator and enter the values. Then click "Calculate".

Using Dew Point Temperature	Using Relative Humidity
Air Temperature °C	Air Temperature 108.9 °F 42.72 °C
Dew Point Temperature oF oC	Relative Humidity 42 %
Calculate Reset	Calculate Reset
Heat Index =	Heat Index = 135 F / 57 C

Heat Index Chart and Explanation

WPC Heat Index Forecasts

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